

A very brief look at OctoPrint 1.5.0



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VERRF2020

Who am I?

- Gina Häußge aka foosel
- 37 years old
- Software engineer
- 100% nerd
- Creator & main developer of **OctoPrint**
- Full time & crowd funded!



Software Updater improvements

- Release channels for third party plugins
- Disable individual notices via the bell
- Configuration overlays to reconfigure update locations on maintainer change

Development

OctoPrint Settings

PRINTER

- Serial Connection
- Printer Profiles
- Temperatures
- Terminal Filters
- GCODE Scripts

FEATURES

- Features
- Webcam & Timelapse
- Access Control
- GCode Viewer
- API
- Application Keys

OCTOPRINT

- Server
- Folders
- Appearance
- Logging
- Plugin Manager
- Software Update**
- Announcements
- Backup & Restore
- Anonymous Usage

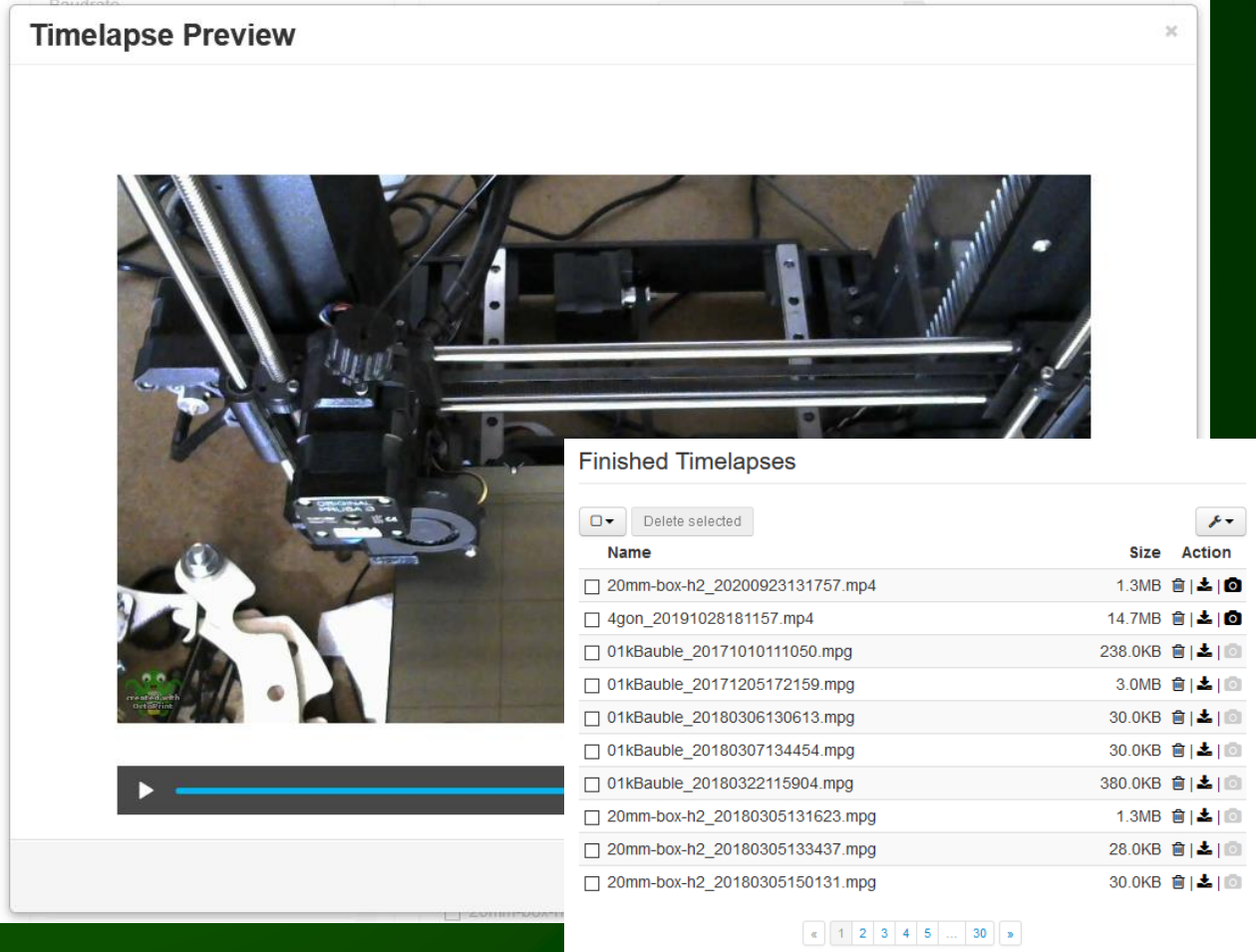
Current versions

- OctoPrint:** 1.5.0.dev194+gdd78fd3ed dirty
Installed: Commit dd78fd3ed30580db366560addcab63b10be704b8
Available: Commit 9a688ab1bdb1d5cecfda5e9db9c2d83057b082e9 [Update](#)
- CuraEngine Legacy:** 1.0.1
Installed: 1.0.1
Available: 1.1.1
Release Notes: <https://github.com/OctoPrint/OctoPrint-CuraEngineLegacy/releases/tag/1.1.1> [Update](#)
- filamentmanager:** 0.5.2
Release Channel: ⓘ
Installed: 0.5.2
Available: V1.6.0
Release Notes: <https://github.com/OllisGit/OctoPrint-FilamentManager/releases/tag/1.6.0> [Update](#)
- File Check Plugin:** 2020.6.22
Installed: 2020.6.22
Available: 2020.08.07
Release Notes: <https://github.com/OctoPrint/OctoPrint-FileCheck/releases/tag/2020.08.07> [Update](#)
- Firmware Check Plugin:** 2020.9.14
Installed: 2020.9.14
Available: 2020.06.22
Release Notes: <https://github.com/OctoPrint/OctoPrint-FirmwareCheck/releases/tag/2020.06.22> [Update](#)
- Firmware Updater:** 1.7.0
Installed: 1.7.0
Available: v1.7.0 [Update](#)

[Update all](#)

Timelapse player

- Integrated right into the timelapse list
- MP4 only (since 1.4.0)
- Pull request from Jim Neill aka jneilliii, huge thanks! ❤️



The screenshot displays the 'Timelapse Preview' window. It features a video player showing a mechanical assembly. Below the video is a progress bar. To the right, there is a 'Finished Timelapses' panel with a table listing files, their sizes, and actions.

Name	Size	Action
<input type="checkbox"/> 20mm-box-h2_20200923131757.mp4	1.3MB	
<input type="checkbox"/> 4gon_20191028181157.mp4	14.7MB	
<input type="checkbox"/> 01kBauble_20171010111050.mpg	238.0KB	
<input type="checkbox"/> 01kBauble_20171205172159.mpg	3.0MB	
<input type="checkbox"/> 01kBauble_20180306130613.mpg	30.0KB	
<input type="checkbox"/> 01kBauble_20180307134454.mpg	30.0KB	
<input type="checkbox"/> 01kBauble_20180322115904.mpg	380.0KB	
<input type="checkbox"/> 20mm-box-h2_20180305131623.mpg	1.3MB	
<input type="checkbox"/> 20mm-box-h2_20180305133437.mpg	28.0KB	
<input type="checkbox"/> 20mm-box-h2_20180305150131.mpg	30.0KB	

Recovery Dialog

- Restart/shutdown OctoPrint
- Access safe mode
- Access backups
- Authenticated

The screenshot displays the OctoPrint Recovery web interface. At the top, it says 'OctoPrint Recovery' and 'Logged in as admin (Logout)'. A navigation menu on the left includes 'System commands' and 'Backups'. The main content area is divided into two sections: 'System commands' and 'Backup & Restore'. The 'System commands' section contains four buttons: 'Shutdown system', 'Reboot system', 'Restart OctoPrint', and 'Restart OctoPrint in safe mode'. The 'Backup & Restore' section includes a note that online restore is not supported, a 'Create backup' section with two checkboxes for excluding uploaded files and timelapses, and a 'Create backup now' button. Below this is an 'Existing backups' table with columns for Name, Size, Date, and Actions.

Name	Size	Date	Actions
octoprint-backup-20200916-164119.zip	23.8MB	2020-09-16 16:41	Download
octoprint-backup-20200916-164003.zip	23.8MB	2020-09-16 16:40	Download
octoprint-backup-20200916-154309.zip	23.8MB	2020-09-16 15:43	Download
octoprint-backup-20200911-100852.zip	23.8MB	2020-09-11 10:08	Download
octoprint-backup-20200910-175808.zip	23.8MB	2020-09-10 17:58	Download
octoprint-backup-20200910-175635.zip	23.8MB	2020-09-10 17:56	Download
octoprint-backup-20200721-154419.zip	24.4MB	2020-07-21 15:44	Download

Thank you for your attention!

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